

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HIRAYAMA, et al.  
Attorney Docket: 10873.1936USWO  
Title: ULTRASONIC PROBE

**CERTIFICATE OF TRANSMISSION**

I hereby certify that the papers listed below are being transmitted by EFS Web to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 21, 2006

By: 

Name: Douglas P. Mueller

Mail Stop PCT  
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**53148**

PATENT TRADEMARK OFFICE

Sir:

The following papers are transmitted herewith:

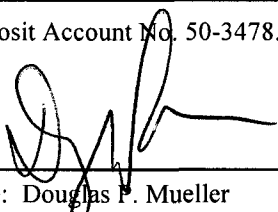
- ☒ Transmittal sheet containing Certificate of Transmission;
- ☒ National Stage Patent Application including: Description - 11 pages; Claims - 2 pages; Abstract - 1 page; Drawings - 5 sheets (formal);
- ☒ Signed Combined Declaration and Power of Attorney;
- ☒ Application Data Sheet - 4 pages;
- ☒ Information Disclosure Statement, Form 1449, 7 references
- ☒ Please charge Deposit Account No. 50-3478 for the amount of \$900 to cover the filing fee calculated below;
- ☒ Return postcard

**CLAIMS AS FILED**

Number of Claims Filed	No.	In Excess of	Extra	Rate	Fee
Total Claims	11	20	0	50.00	0.00
Independent Claims	1	3	0	200.00	0.00
Multiple Dependent Claims Fee					0.00
Basic Filing Fee					300.00
Search Fee					500.00
Examination Fee					200.00
Utility Application Size Fee	19	100	0	250.00	0.00
Total					900.00

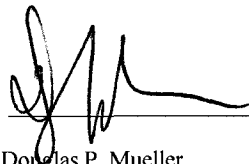
Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478.

Hamre, Schumann, Mueller & Larson, P.C.  
P.O. Box 2902, Minneapolis, MN 55402-2902  
612.455-3800

By:   
Name: Douglas P. Mueller  
Reg. No.: 30,300  
Initials: DPM/pjk

(PTO TRANSMITTAL - NEW FILING)

FORM PTO-1390 (REV 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER  10873.1936USWO
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)  Unknown
INTERNATIONAL APPLICATION NO.  PCT/JP2005/013664	INTERNATIONAL FILING DATE  26 July 2005	PRIORITY DATE CLAIMED  28 July 2004		
TITLE OF INVENTION  ULTRASONIC PROBE				
APPLICANT(S) FOR DO/EO/US  HIRAYAMA, et al.				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).</li> <li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> A signed oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>				
<b>Items 11. to 16. below concern document(s) or information included:</b>				
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form 1449, 7 references.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment.  <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet, Communication Regarding Requested Figure, International Publication Page, Form PCT/ISA/210, Form PCT/ISA/237, Form PCT/IB/304, Form PCT/IB/308</li> </ol>				

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown		INTERNATIONAL APPLICATION NO. PCT/JP2005/013664		ATTORNEY'S DOCKET NUMBER 10873.1936USWO	
<b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>					
[X] a) Basic National fee.....\$300.00				<b>\$300.00</b>	
[X] b) Examination fee.....\$200.00				<b>\$200.00</b>	
[X] c) Search fee.....\$400.00				<b>\$400.00</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$900.00</b>	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
19 -100 =	0 /50 =		X \$250.00	<b>\$0.00</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	11 -20 =	0	X \$50.00	<b>\$0.00</b>	
Independent claims	1 -3 =	0	X \$200.00	<b>\$0.00</b>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	<b>\$</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$900.00</b>	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				<b>\$</b>	
<b>SUBTOTAL =</b>				<b>\$900.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ <b>\$</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$900.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ <b>\$</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$900.00</b>	
				<b>Amount to be: refunded \$</b>	
				<b>charged \$900.00</b>	
<p>a. [ ] Check(s) in the amount of \$___ to cover the above fees is enclosed.</p> <p>b. [X] Please charge Deposit Account No. 50-3478 for the amount of \$900 to cover the required filing fee for a large entity.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <div style="display: flex; justify-content: space-between;"> <div> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Douglas P. Mueller</p> <p>Hamre, Schumann, Mueller &amp; Larson, P.C.</p> <p>P.O. Box 2902</p> <p>Minneapolis, MN 55402-0902</p> </div> <div style="text-align: right;"> <p>SIGNATURE: </p> <p>NAME: Douglas P. Mueller</p> <p>REGISTRATION NUMBER: 30,300</p> </div> </div>					